

**REMARKS/ARGUMENTS**

After the foregoing Amendment, Claims 1-9 are currently pending in this application. Claim 1 has been amended. The Applicants submit that no new matter has been added by the amendment herein.

In the Action, claims 1-3 and 5 were rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-8 of U.S. Patent No. 6,700,199 (Moon et al.). Applicants respectfully traverse this rejection.

Claim 1, as amended, recites a gold (Au) alloy bonding wire comprising polonium (Po) added to high-purity gold in an amount of 3-30 parts per million (ppm) by weight and at least one of sodium (Na) and technetium (Tc) added in an amount of 3-30 ppm by weight to the high-purity gold. U.S. Patent No. 6,700,199 does not claim this alloy, as recited in claim 1, or an alloy including any of polonium (Po), sodium (Na) and technetium (Tc). Further, this patent does not suggest or disclose a gold alloy including any of polonium (Po), sodium (Na) and technetium (Tc). It is also noted in the Action that the removal of language relating to "B" and/or "Mg" from the pending claims would overcome this rejection. Such language is not present in claim 1 or any of the pending claims, as amended. Claims 2, 3 and 5 depend from claim 1 and therefore include the limitations of claim 1. In view of

the foregoing, Applicants respectfully request withdrawal of the double patenting rejection of claim 1-3 and 5.

Claims 1, 3 and 5 were also rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,700,199 (Moon et al.). Further, claims 1-9 were rejected under 35 U.S.C. §103(a) as being unpatentable over Moon et al. Applicants respectfully traverse both of these rejections.

As indicated above, Moon et al. fail to suggest or disclose a gold alloy including any of polonium (Po), sodium (Na) and technetium (Tc). No mention of polonium (Po), sodium (Na) or technetium (Tc) is made in this reference. It is also noted in the Action that the removal of language relating to "B" and/or "Mg" from the pending claims would overcome these Section 102 and 103 rejections. Such language is not present in claim 1 or any of the pending claims, as amended. Accordingly, Applicants respectfully submit that claim 1 is patentable over Moon et al. Claims 2-9 depend from claim 1 and are therefore also patentable over the cited reference. Applicants respectfully request withdrawal of the §102(e) and §103(a) rejections citing Moon et al.

Claims 1-9 were further rejected under 35 U.S.C. §103(a) as being unpatentable over Japanese Publication 2000-040710 (Naito). Applicants respectfully traverse this rejection.

**Applicant:** Cho et al.  
**Application No.:** 10/626,344

Naito fails to suggest or disclose a gold alloy including any of polonium (Po), sodium (Na) and technetium (Tc). No mention of polonium (Po), sodium (Na) or technetium (Tc) is made in this reference. Accordingly, Applicants respectfully submit that claim 1 is patentable over Naito. Claims 2-9 depend from claim 1 and are therefore also patentable over the cited reference. Applicants respectfully request withdrawal of the §103(a) rejection citing Naito.

If for any reason the Examiner believes that an interview, either telephonically or in person, would assist in the prosecution of the application, the Examiner is respectfully requested to contact the undersigned attorney to arrange an interview.

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In view of the foregoing Amendments and Remarks, Applicants respectfully request reconsideration and submit that the present Application including claims 1-9 is in condition for allowance. A notice to that effect is respectfully solicited.

Respectfully submitted,

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By



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Enclosure